



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Boyle  
Serial No.: 10/618,093  
Confirmation No.: 3821  
Filed: July 11, 2003  
For: Vessel for Well Intervention

§  
§ Group Art Unit: 3672  
§  
§  
§ Examiner: Unknown  
§  
§ Customer No.: 36735  
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MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>2 November</u> , 2004.	
Kyla D. Cummings Typed Name	

Dear Sir:

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/WEAT/0403/WBP.

Respectfully submitted,

Kyle D. Cummings

Kyle D. Cummings

Registration No. 50,682

MOSER, PATTERSON & SHERIDAN, L.L.P.

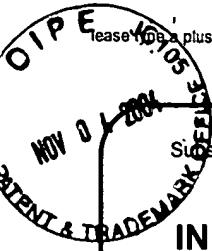
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Attorney for Applicant(s)



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PTO/SB/08a (08-03)

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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/618,093

Filing Date July 11, 2003

First Named Inventor Boyle

Group Art Unit 3672

Examiner Name Unknown

Attorney Docket Number WEAT/0403

Sheet

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Submission Date

November 2, 2004

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A1	US-6742606 B2		06/01/2004	Melcalfe, et al.	
A2	US-6702040 B1		03/09/2004	Sensenig	
A3	US-6668937		12/30/2003	Murray	
A4	US6634430		10/21/2003	Dawson et al.	
A5	US-6547017 B1		04/15/2003	Vail,III	
A6	US-6543552 B1		04/08/2003	Melcalfe, et al.	
A7	US-6536993 B2		03/25/2003	Strong, et al.	
A8	US-6457532 B1		10/01/2002	Simpson	
A9	US-6263987 B1		07/24/2001	Vail,III	
A10	US-6216533 B1		04/17/2001	Woloson, et al.	
A11	US-6189616 B1		02/20/2001	Gano, et al.	
A12	US-6186233 B1		02/13/2001	Brunet	
A13	US-6155360		12/05/2000	McLeod	
A14	US-6135208		10/24/2000	Gano, et al.	
A15	US-6098717		08/08/2000	Bailey et al.	
A16	US-6070671		06/06/2000	Cumming et al.	
A17	US-6035953		03/14/2000	Rear	
A18	US-6024169		02/15/2000	Haugen	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
B1	DE 3 213 464		10/13/1983	Reimer		
B2	DE 4 133 802		10/22/1992	Andrejewski		
B3	EP 0 235 105		09/02/1987	Kjell-Oue		
B4	EP 0 265 344		04/27/1988	Legendre		
B5	EP 0 462 618		12/27/1991	Karlsson		

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A19	US-5887668	03/30/1999	Haugen et al.		
A20	US-5887655	03/30/1999	Haugen, et al.		
A21	US-5836409	11/17/1998	Vail, III		
A22	US-5826651	10/27/1998	Lee, et al.		
A23	US-5803666	09/08/1998	Keller		
A24	US-5787978	08/04/1998	Carter, et al.		
A25	US-5785132	07/28/1998	Richardson, et al.		
A26	US-5717334	02/10/1998	Vail, III, et al.		
A27	US-5706905	01/13/1998	Barr		
A28	US-5615747	04/01/1997	Vail, III		
A29	US-5575344	11/19/1996	Wireman		
A30	US-5560440	10/01/1996	Tibbitts		
A31	US-5553679	09/10/1996	Thorp		
A32	US-5546317	10/10/1995	Hood, III, et al.		
A33	US-5526880	06/18/1996	Jordan, Jr., et al.		
A34	US-5520255	05/28/1996	Barr et al.		
A35	US-5477925	12/26/1995	Trahan, et al.		
A36	US-5458209	10/17/1995	Hayes, et al.		
A37	US-5435400	07/25/1995	Smith		
A38	US-5402856	04/04/1995	Warren, et al.		

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B6	EP 0 554 568	08/11/1993	Tibbits, et al.		
B7	EP 0 961 007	12/06/1999	Gano, et al.		
B8	EP 1 006 260	06/07/2000	Fincher, et al.		
B9	GB 2 335 217	09/15/1999	Desai		

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Application Number

10/618,093

Filing Date

July 11, 2003

First Named Inventor

Boyle

Group Art Unit

3672

Examiner Name

Unknown

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		Number-Kind Code <sup>2</sup> (if known)			
	A39	US-5361859	11/08/1994	Tibbitts	
	A40	US-5322127	06/21/1991	McNair et al.	
	A41	US-5318122	06/07/1994	Murray, et al.	
	A42	US5181571	01/27/1993	Mueller	
	A43	US-5109924	05/05/1992	Jurgens, et al.	
	A44	US-5052483	10/01/1991	Hudson	
	A45	US-4904119	02/27/1990	Legendre, et al.	
	A46	US-4848469	07/18/1989	Baugh et al.	
	A47	US-4836299	06/06/1989	Bodine	
	A48	US-4825947	05/02/1989	Mikolajczyk	
	A49	US-4699224	10/13/1987	Burton	
	A50	US-4681158	07/21/1987	Pennison	
	A51	US-4620600	11/04/1986	Persson	
	A52	US-4604818	08/12/1996	Inoue	
	A53	US4595058	06/17/1986	Nations	
	A54	US-4515045	05/07/1985	Gnatchenko, et al.	
	A55	US-4489793	12/25/1984	Boren	
	A56	US-4483399	11/20/1984	Colgate	
	A57	US-4466498	08/21/1984	Bardwell	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B10	GB 1 469 661	04/06/1977	Swobda, et al.		
	B11	GB 1 277 461	06/03/1972			
	B12	GB 1 448 304	09/02/1976			
	B13	GB 1 582 392	01/07/1981			

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

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## U.S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)			
A58	US-4446745		05/08/1994	Stone, et al.	
A59	US-4396076		08/02/1983	Inoue	
A60	US-4396077		09/12/1981	Radtke	
A61	US-4274778		06/23/1981	Putnam, et al.	
A62	US-4221269		09/09/1980	Hudson	
A63	US-4189185		02/19/1980	Kammerer, Jr., et al.	
A64	US-4186628		02/05/1990	Bonnice	
A65	US-4100981		07/18/1978	Chaffin	
A66	US-4083405		04/11/1978	Shirley	
A67	US-3934660		01/27/1976	Nelson	
A68	US-3901331		08/26/1975	Djurovic	
A69	US-3785193		01/15/1974	Kinley et al.	
A70	US-3700048		10/24/1972	Desmoulins	
A71	US-3691624		09/19/1972	Kinley	
A72	US-3669190		06/13/1972	Sizer et al.	
A73	US-3624760		11/30/1971	Bodine	
A74	US-3575245		04/20/1971	Cordary, et al.	
A75	US-3489220		01/13/1970	Kinley	
A76	US3387893		06/11/1968	Hoever	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
B14	GB 2 053 088		02/04/1981	Gebhart		
B15	GB 2 201 912		09/14/1988	Dinsdale		
B16	GB 2 313 860		02/10/1997	Lee		
B17	GB 2 320 270		06/17/1998	Armell, et al.		
B18	GB 2 333 542		07/28/1999	Kirk		

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	A77	US-3353599	11/21/1967	Swift	
	A78	US-3191680	06/29/1965	Vincent	
	A79	US-3191677	06/29/1965	Kinley	
	A80	US-3169592	02/26/1965	Kammerer	
	A81	US-3102599	09/03/1963	Hillburn	
	A82	US-3087546	04/30/1963	Wooley	
	A83	US-2805043	09/03/1957	Williams	
	A84	US-2765146	10/02/1956	Williams	
	A85	US-2764329	09/25/1956	Hampton	
	A86	US-2743087	04/24/1956	Layne, et al.	
	A87	US-2663073	12/22/1953	Bieber et al.	
	A88	US-2641444	06/09/1953	Moon	
	A89	US-2627891	02/10/1953	Clark	
	A90	US-2499630	03/07/1950	Clark	
	A91	US-2324679	07/20/1943	Cox	
	A92	US2295803	09/15/1940	O'Leary	
	A93	US-2216895	10/08/1940	Stokes	
	A94	US-2060352	11/11/1936	Stokes	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B19	GB 2 365 463	02/20/2002	Giancarlo		
	B20	GB 2 382 361	05/28/2003	Hewson, et al.		
	B21	GB 2 216 926	10/18/1989	Haloid		
	B22	GB 2 348 223	09/27/2000	Cook, et al.		

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A95	US-2049450		08/04/1936	Johnson	
A96	US-2017451		10/15/1935	Wickersham	
A97	US-1981525		11/20/1934	Price	
A98	US-1880218		10/04/1932	Simmons	
A99	US-1342424		06/08/1920	Cotten	
A100	US-1301285		04/22/1919	Leonard	
A101	US1185582		05/30/1916	Bignell	
A102	US-2004/0069501		04/15/2004	Haugen et al.	
A103	US-2003/0217865		11/27/2003	Simpson, et al.	
A104	US-2003/0146023		08/07/2003	Pia	
A105	US-2003/0141111		07/31/2004	Pia	
A106	US-2003/0111267		06/19/2003	Pia	
A107	US-2003/0056991		03/27/2003	Hahn, et al.	
A108	US-2002/0079102		06/27/2002	Dewey, et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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Examiner

Date Considered

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number

10/618,093

Filing Date

July 11, 2003

First Named Inventor

Boyle

Group Art Unit

3672

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Unknown

Attorney Docket Number

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Submission Date

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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	B51	WO 93/24728	12/09/1993	Simpson		

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Date Considered

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# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number

10/618,093

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July 11, 2003

First Named Inventor

Boyle

Group Art Unit

3672

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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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	B76					
	B77					
	B78					

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	C1	HAHN, ET AL., "Simultaneous Drill and Case Technology - Case Histories, Status and Options for Further Development," Society of Petroleum Engineers, IADC/SPE Drilling Conference, New Orleans, LA Feb. 23-25, 2000 pp. 1-9.	
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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	C13	United States Patent Application 10/794,797, filed March 5, 2004 (WEAT/0371)	
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**SUPPLEMENTAL  
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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

Sheet	11	of	27	Submission Date	November 2, 2004
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Examiner				Date Considered			
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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
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Attorney Docket Number	WEAT/0403

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
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Submission Date

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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Examiner				Date Considered			
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**SUPPLEMENTAL  
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Application Number	10/618,093
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Group Art Unit	3672
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Attorney Docket Number	WEAT/0403

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**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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Application Number	10/618,093
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**U.S. Patent Documents**

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Substitute for form 1449A/PTO		Application Number	10/618,093
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(Use as many sheets as necessary)		First Named Inventor	Boyle
		Group Art Unit	3672
		Examiner Name	Unknown
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A224	5,285,204	02-08-1994	Sas-Jaworsky			
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A226	5,282,653	02-01-1994	LaFleur et al.			
A227	5,271,472	12-21-1993	Leturno			
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A241	5,074,366	12-24-1991	Karlsson et al.			
A242	5,060,737	10-29-1991	Mohn			
Examiner				Date Considered		

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	A325	3,392,609	07-16-1968	Bartos			
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Examiner					Date Considered		
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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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	A353	2001/0042625		Appleton			07/30/2001
	A354	2001/0040054		Haugen et al.			05/04/2001
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	A366	5,613,567	03-25-1997	Hudson			
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**Foreign Patent Documents**

*Examine r Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B74	WO 02/086287	10-31-2002	WIPO	E21B	47/01	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B75	WO 01/94739	12-13-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B76	WO 01/94738	12-13-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B77	WO 01/81708	11-01-2001	WIPO	E21B	10/32	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B78	WO 01/79650	10-25-2001	WIPO	E21B	10/60	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B79	WO 01/46550	06-28-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B80	WO 01/12946	02-22-2001	WIPO	E21B	19/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B81	WO 00/50730	08-31-2000	WIPO	E21B	10/66	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B82	WO 00/28188	05-18-2000	WIPO	E21B	7/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B83	WO 00/37771	06-29-2000	WIPO	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B84	WO 00/11311	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B85	WO 00/11310	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B86	WO 00/11309	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B87	WO 00/05483	02-03-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B88	WO 98/55730	12-10-1998	WIPO	E21B	23/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B89	WO 97/08418	03-06-1997	WIPO	E21B	4/18	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B90	GB 2 357 101	06-13-2001	UK	E21B	7/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B91	EP 1 050 661	11-08-2000	EP	E21B	7/18	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	B95	WO 96/28635	09-19-1996	WIPO	E21B	17/14	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C50	Coronado, et al., "Development Of A One-Trip ECP Cement Inflation And Stage Cementing System For Open Hole Completions," IADC/SPE Paper 39345, IADC/SPE Drilling Conference, march 3-6, 1998, pp. 473-481
	C51	Coronado, et al., "A One-Trip External-Casing-Packer Cement-Inflation And Stage-Cementing System," Journal Of Petroleum Technology, August 1998, pp. 76-77
	C52	Quigley, "Coiled Tubing And Its Applications," SPE Short Course, Houston, Texas, October 3, 1999, 9 pages
	C53	Bayfiled, et al., "Burst And Collapse Of A Sealed Multilateral Junction: Numerical Simulations," SPE/IADC Paper 52873, SPE/IADC Drilling Conference, March 9-11, 1999, 8 pages
	C54	Marker, et al. "Anaconda: Joint Development Project Leads To Digitally Controlled Composite Coiled Tubing Drilling System," SPE paper 60750, SPE/ICOTA Coiled Tubing Roundtable, April 5-6, 2000, pp 1-9
	C55	Cales, et al., "Subsidence Remediation – Extending Well Life Through The Use Of Solid Expandable Casing Systems, AADE Paper 01-NC-HO-24, American Association Of Drilling Engineers, March 2001 Conference, pp. 1-16
	C56	Coats, et al., "The Hybrid Drilling Unite: An Overview Of an Integrated Composite Coiled Tubing And Hydraulic Workover Drilling System," SPE Paper 74349, SPE International Petroleum Conference And Exhibition, February 10-12, 2002, pp. 1-7
	C57	Sander, et al., "Project Management And Technology Provide Enhanced Performance For Shallow Horizontal Wells," IADC/SPE Paper 74466, IADC/SPE Drilling Conference, February 26-28, 2002, pp. 1-9
	C58	Coats, et al., "The Hybrid Drilling System: Incorporating Composite Coiled Tubing And Hydraulic Workover Technologies Into One Integrated Drilling System," IADC/SPE Paper 74538, IADC/SPE Drilling Conference, February 26-28, 2002, pp 1-7
	C59	Galloway, "Rotary Drilling With Casing – A Field Proven Method Of Reducing Wellbore Construction Cost," Paper WOCD-0306092, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-7

Examiner

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Substitute for form 1449A/PTO		Application Number	10/618,093
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	July 11, 2003
		First Named Inventor	Boyle
		Group Art Unit	3672
		Examiner Name	Unknown
		Attorney Docket Number	WEAT/0403
(Use as many sheets as necessary)		Submission Date	November 2, 2004
Sheet	27	of	27

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C60	Fontenot, et al., "New Rig Design Enhances Casing Drilling Operations In Lobo Trend," paper WOCD-0306-04, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-13
	C61	McKay, et al., "New Developments In The Technology Of Drilling With Casing: Utilizing A Displaceable DrillShoe Tool," Paper WOCD-0306-05, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-11
	C62	Sutriono – Santos, et al., "Drilling With Casing Advances To Floating Drilling Unit With Surface BOP Employed," Paper WOCD-0307-01, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-7
	C63	Vincent, et al., "Liner And Casing Drilling – Case Histories And Technology," Paper WOCD-0307-02, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-20
	C64	Maute, "Electrical Logging: State-of-the Art," The Log Analyst, May-June 1992, pp. 206-27
	C65	Tessari, et al., "Retrievable Tools Provide Flexibility for Casing Drilling," Paper No. WOCD-0306-01, World Oil Casing Drilling Technical Conference, 2003, pp. 1-11
	C66	Evans, et al., "Development And Testing Of An Economical Casing Connection For Use In Drilling Operations," paper WOCD-0306-03, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-10
Examiner		Date Considered

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